

IN THE CLAIMS:

1. (Previously Presented) A communication system comprising:
 - a plurality of devices interconnected via a bus, the bus being capable of handling isochronous and asynchronous transmissions; and
 - a status manager including,
 - status channel creation means for creating on the bus an isochronous status channel, and
 - status transmitting means for transmitting status information on the isochronous status channel.

- ~~2. (Currently Amended) A communication system as claimed in claim 1A~~
communication system comprising:
 - a plurality of devices interconnected via a bus, the bus being capable of handling isochronous and asynchronous transmissions; and
 - a status manager including,
 - status channel creation means for creating on the bus an isochronous status channel, and
 - status transmitting means for transmitting status information on the isochronous status channel, wherein the status manager further includes status reception means for asynchronously receiving status information from a device among said plurality of devices, coupled to the status transmitting means for transmitting the received status information on the isochronous status channel.

3. (Previously Presented) A communication system as claimed in claim 2,
wherein the status manager is further arranged to send to the device an identifier for the
isochronous status channel in response to receiving the status information.

4. (Previously Presented) A communication system as claimed in claim 1,
wherein a device among said plurality of devices includes status reading means for
reading the transmitted status information from the isochronous status channel.

5. (Previously Presented) A communication system as claimed in claim 1,
wherein a device among said plurality of devices includes status sending means for
sending status information to the status manager asynchronously.

6. (Previously Presented) A communication system as claimed in claim 1,
wherein the status information comprises information on the network topology of the
communication system.

7. (Previously Presented) A communication system as claimed in claim 1,
wherein the status information comprises information on capabilities of a device in the
communication system.

8. (Previously Presented) A communication system as claimed in claim 1,
wherein the status information comprises information on available bandwidth on the bus.

9. (Previously Presented) A communication system as claimed in claim 1, wherein the status information comprises information on a strength of a level of attachment between a mobile device and a base station device in the communication system.

10. (Previously Presented) In a communication system having a plurality of devices interconnected via a bus adapted to handle isochronous and asynchronous transmissions, a device for use as status manager in the communication system, said device comprising:

status channel creation means for creating on the bus an isochronous status channel; and

status transmitting means for transmitting status information on the isochronous status channel.

11. (Previously Presented) In a communication system having a plurality of devices interconnected via a bus adapted to handle isochronous and asynchronous transmissions, and a status manager for creating on the bus an isochronous status channel and for transmitting status information on the status channel, a device comprising a status reading module for reading the transmitted status information from the isochronous status channel.

12. (New) The system of claim 1, wherein said status channel creation means is configured for allocating an isochronous channel for use as said isochronous status channel in said transmitting.

13. (New) The system of claim 1, wherein said status channel creation means is configured for causing allocation of an isochronous channel for use as said isochronous status channel in said transmitting.

14. (New) The system of claim 10, wherein said status channel creation means is configured for allocating an isochronous channel for use as said isochronous status channel in said transmitting.

15. (New) The system of claim 10, wherein said status channel creation means is configured for causing allocation of an isochronous channel for use as said isochronous status channel in said transmitting.

16. (New) The device of claim 11, wherein said creating allocates an isochronous channel for use as said isochronous status channel in said transmitting.

17. (New) The device of claim 11, wherein said creating entails causing allocation of an isochronous channel for use as said isochronous status channel in said transmitting.

18. (New) In a communication system having a plurality of devices interconnected via a bus adapted to handle isochronous and asynchronous transmissions, a device for use as status manager in the communication system, said device comprising:

status channel creation means for creating on the bus an isochronous status-channel; and

status transmitting means for transmitting status information on the isochronous status-channel.